## HIZATATE et al. Serial No. Unknown

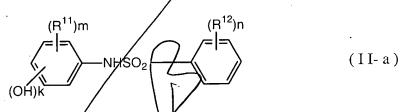
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11. (Amended) The heat-sensitive recording material of claim 8, wherein the protective layer contains at least one selected from an acetoacetyl-modified polyvinyl alcohol, a carboxy-modified polyvinyl alcohol, a diacetone-modified polyvinyl alcohol or a silicon-modified polyvinyl alcohol, and a pigment, as main components.

12. (Amended) The heat-sensitive recording material of claim 8, wherein the heat-sensitive recording layer, the protective layer or both contain a benzotriazole-containing ultraviolet absorbent.

- 15. (Amended) The heat-sensitive recording material of claim 13, wherein the mixture contains two members of the benzenesulfonamide derivatives, which are used together in a mixing weight ratio of from 1:9 to 9:1.
- 16. (Amended) The heat-sensitive recording material of claim 13, wherein the benzenesulfonamide derivatives are a combination of N-(4-hydroxyphenyl)-p-toluenesulfonamide and N-(2-hydroxyphenyl)-p-toluenesulfonamide.
- 17. (Amended) The heat-sensitive recording material of claim 13, wherein the heat-sensitive recording layer contains a phosphoric ester derivative as an additive.
- 21. (Amended) The heat-sensitive recording material of claim 18, wherein the benzenesulfonamide derivative is a compound of the general formula (II-a),





wherein each of R<sup>11</sup> and R<sup>12</sup> respectively represents an alkyl group having 1 to 4 carbon atoms, an alkoxyl group having 1 to 4 carbon atoms, an alkenyl group having 2 to 4 carbon atoms, an aralkyl group having 7 to 10 carbon atoms or an aryl group having 6 to 14

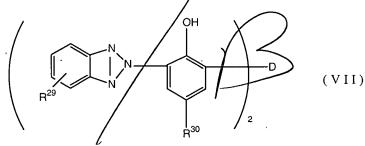
carbon atoms, n represents an integer of 0 to 5, m represents an integer of 0 to 4 and k represents 1 or 2.

- 22. (Amended) The heat-sensitive recording material of claim 18, wherein the benzenesulfonamide derivative and the diphenylsulfone derivative are contained in a weight ratio of from 9:1 to 3:7.
- 23. (Amended) The heat-sensitive recording material of claim 18, wherein the heat-sensitive recording layer contains, as an additive, a hydroxybenzoic acid derivative of the general formula (V),



wherein Z is an oxygen atom or -NH group,  $R^{23}$  is an alkyl group, an alkenyl group, aralkyl group or an aryl group, and d repesents an integer of 1 to 4.

- 24. (Amended) The heat-sensitive recording material of claim 18, wherein the heat-sensitive recording layer contains a phosphoric ester derivative as an additive.
- 27. (Amended) The heat-sensitive recording material of claim 25, wherein the diphenylsulfone derivative is 4-benzyloxy-4'-(2-methylglycidyloxy)diphenylsulfone.
- 30. (Amended) The heat-sensitive recording material of claim 28, wherein the ultraviolet absorbent is a dimer of a benzotriazole derivative of the general formula (VII),



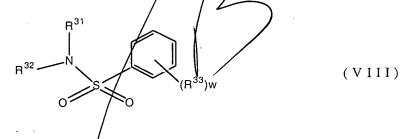
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wherein  $R^{29}$  represents a hydrogen atom, a halogen atom, an alkyl group, an alkoxyl group, an aryl group or an aryloxy group,  $R^{30}$  is an alkyl group having 1 to 18 carbon atoms, and D is an alkylidene group having 1 to 8 carbon atoms.

- 31. (Amended) The heat-sensitive recording material of claim 28, wherein the benzenesulfonamide derivative is N-(2-hydroxyphenyl)-p-toluenesulfonamide or N-(4-hydroxyphenyl)-p-toluenesulfonamide.
- 32. (Amended) The heat-sensitive recording material of claim 28, wherein the heat-sensitive recording layer contains a compound of the general formula (VIII),



wherein each of R<sup>31</sup> and R<sup>32</sup> respectively represents a hydrogen atom, an alkyl group, an aralkyl group or an aryl group, respectively, R<sup>33</sup> represents an alkyl group, an alkoxyl group, an alkenyl group, an aralkyl group or an aryl group, and w represents an integer of 0 to 5.

33. (Amended) The heat-sensitive recording material of claim 28, wherein the heat-sensitive

recording layer contains a phosphoric ester derivative as an additive.

36. (Amended) The heat-sensitive recording material of claim 34, wherein the heat-sensitive recording layer contains at least two benzenesulfonamide derivatives of the general formula (II).

37. (Amended) The heat-sensitive recording material of claim 34, wherein N-(4-hydroxyphenyl)-p-toluenesulfonamide and N-(2-hydroxyphenyl)-p-toluenesulfonamide are contained in combination as benzenesulfonamide derivatives.





- 41. (Amended) The heat-sensitive recording material of claim 38, wherein the heat-sensitive recording layer contains a phosphoric ester derivative as an additive.
- 44. (Amended) The heat-sensitive recording material of claim 42 wherein the benzenesulfonamide derivative is a compound of the general formula (II),

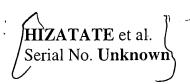
$$(R^{11})m \quad R^{13} \quad (R^{12})n$$

$$(OH)k \quad (II)$$

wherein each of R<sup>11</sup>, R<sup>12</sup> and R<sup>13</sup> respectively represents an alkyl group having 1 to 4 carbon atoms, an alkoxyl group having 1 to 4 carbon atoms, an alkenyl group having 2 to 4 carbon atoms, an aralkyl group having 7 to 10 carbon atoms or an aryl group having 6 to 14 carbon atoms, n represents an integer of 0 to 5, m represents an integer of 0 to 4 and k represents 1 or 2.

45. (Amended) The heat-sensitive recording material of claim 42, wherein the diphenylsulfone derivative is a compound of the general formula (IX),

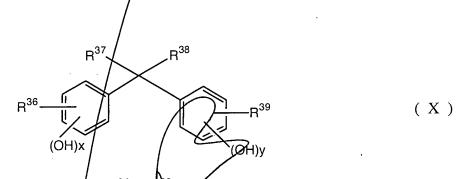
wherein each of R<sup>34</sup> and R<sup>35</sup> respectively represents a hydrogen atom, a halogen atom, an alkyl group an alkoxyl group, an alkenyl group, an aralkyl group, an aralkyl group, an aralkyloxy group or an aryloxy group, x represents an integer of 1 to 3, and y represents an integer of 0 to 2.



46. (Amended) The heat-sensitive recording material of claim 42, wherein the benzoic acid derivative is a compound of the general formula (V),

wherein Z is an oxygen atom or -NH group,  $R^{23}$  is an alkyl group, an alkenyl group, aralkyl group or an aryl group, and d repesents an integer of 1 to 4.

47. (Amended) The heat-sensitive recording material of claim 42, wherein the diphenylmethane derivative is a compound of the general formula (X),



wherein each R<sup>36</sup> to R<sup>59</sup> respectively represents a hydrogen atom, a halogen atom, an alkyl group, an alkoxyl group, an alkenyl group, an aralkyl group, an aryloxy group, an aryloxy group or an alkoxycrbonylalkyl group, R<sup>37</sup> and R<sup>38</sup> may bond to each other to form a ring, x represents an integer of 1 to 3, and y represents an integer of 0 to 2.

48. (Amended) The heat-sensitive recording material of claim 42, wherein the dye precursor is a xanthene compound of the general formula (XI),